AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

Claims 1-50. (Cancelled).

51. (previously presented) In an ad-hoc, peer-to-peer radio system comprising a series of radio terminals, each said radio terminal comprising transceiver means for transmitting and receiving signals from other like terminals of said series of terminals, computer means and memory means for storing program software means therein, said radio system based on time-dependent messaging having multiple parallel data channels and a control channel, the improvement comprising:

said memory means of each said radio terminal storing registration information about an other said radio terminal which serves as a node therefor through which it has been registered for forming a call-connection routing path; and

said memory means of each said radio-terminal also storing registration information about any other said radio terminal for which it serves as a node therefor through which said any other radio terminal has been registered.

52. (currently amended) In an ~~An~~ ad-hoc, peer-to-peer radio system ~~according to claim 51,~~ comprising a series of radio terminals, each said radio terminal comprising transceiver means for transmitting and receiving signals from other like terminals of said series of terminals, computer means and memory means for storing program software means therein, said radio system based on time-dependent messaging having multiple parallel data channels and a control channel, the improvement comprising:

said memory means of each said radio terminal storing registration information about an other said radio terminal which serves as a node therefor through which it has been registered for forming a call-connection routing path; and

said memory means of each said radio-terminal also storing registration information about any other said radio terminal for which it serves as a node therefor through which said any other radio terminal has been registered,

wherein said software means comprises updating means for updating said memory means; said updating means changing said registration information in order to reflect any changes in said nodes.

53. (currently amended) ~~The~~ In an ad-hoc, peer-to-peer radio system ~~according to claim 52,~~ comprising a series of radio terminals, each said radio terminal comprising transceiver means for transmitting and receiving signals from other like terminals of said series of terminals, computer means and memory means for storing program software means therein, said radio system based on time-dependent messaging having multiple parallel data channels and a control channel, the improvement comprising:

said memory means of each said radio terminal storing registration information about an other said radio terminal which serves as a node therefor through which it has been registered for forming a call-connection routing path; and

said memory means of each said radio-terminal also storing registration information about any other said radio terminal for which it serves as a node therefor through which said any other radio terminal has been registered,

wherein said updating means comprises means for unregistering another said radio terminal, which had been registered with it, from said memory means.